

PRODUCT-DETAILS

# VECP3583T-4

## Severe Duty Motor 1.5 Hp 460 V (VECP3583T-4)



### General Information

Global Commercial Alias	VECP3583T-4
Product ID	7BVECP3583T-4
ABB Type Designation	1.5HP,3450RPM,3PH,60HZ,143TC,0524M,
Catalog Description	Severe Duty Motor 1.5 Hp 460 V (VECP3583T-4)

### Additional Information

ABB Type Designation	1.5HP,3450RPM,3PH,60HZ,143TC,0524M,
Ambient Temperature	40 °C
Bearing	6205 Ball
Bearing NDE	6205 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	VECP3583T-4
Certification Agency	CCSA US CSA CSA EEV









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Country of Origin	United States (US)
Customs Tariff Number	85015220
Design	B
Dimension Diagram	05LYF006
Drive End Flange Type	C-Face
Duty Time	60 Min
ETIM 7	EC001851 - Electric motor
Efficiency Level	2015 Small Motor Standard IE3 Premium Efficiency (NEMA 12-12)

Electrical Data

**Current**

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Enclosure Type	TEFC
Explosion Proof Group Class	Class I, Group A, B, C & D
Frame Material	Iron
Frame Size	143
Frequency (f)	60 Hz
Global Commercial Alias	VECP3583T-4
Gross Volume	3496.049 in <sup>3</sup>
Gross Weight	67 lb
Horsepower Rating UL/CSA	1.500 Hp
IDEA Granular Category Code (IGCC)	1325 >> General purpose motor AC
Insulation Class	F
Invoice Description	1.5HP,3450RPM,3PH,60HZ,143TC,0524M,TEFC
Made To Order	No
Maximum Speed	5400 r/min
Medium Description	Severe Duty, 1.5 HP, 3600 RPM, Frame Size 143Tc, C-Face Mounting, 3 Phase, TEFC Enclosure, 460 V, 60 Hz (VECP3583T-4)
Minimum Order Quantity	1 piece
Motor Base Type	Footless
Motor Frame Size	143TC
Motor Frame Suffix	TC
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	B
Number of Phases	3
Number of Poles	2
Number of Poles (High)	2
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	1.5 Hp
Power Factor	83 %
Product Name	Severe Duty
Product Net Depth / Length	19.375 in
Product Net Height	13.123 in
Product Net Weight	67 lb
Product Net Width	13.75 in

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**Freq**

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**Power**

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**Speed**

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**Voltage**

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Product Type	Undefined
Quote Only	No
Rated Current (I <sub>n</sub> )	2 A
Rated Efficiency	85.50 %
Rated Speed	3450 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Service Factor Percentage	1.15 %
Shaft Diameter	0.88 in
Short Description	1.5 HP, 3600 RPM, Frame Size 143Tc, C-Face, 3 PH, TEFC, 460 V
Standards	NEMA
Starting of Motor	Direct On Line
Stocked At (Warehouses)	Menden, Germany China Alabama, United States Alaska, United States
	3600 r/min
Temperature Class	T4
Type of Duty	Continuous
UNSPSC	26101112
Voltage Rating	460 V

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## Categories

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Motors and Generators → NEMA Low Voltage AC Motors → Severe Duty Motors → XEX Severe Duty









